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(54) Title: **COATING COMPOSITIONS CONTAINING LEVELLING AGENTS PREPARED BY NITROXYL MEDIATED POLYMERISATION**

(57) Abstract: The present invention relates to coating compositions containing a polymeric or copolymeric levelling agent, which has been prepared by nitroxyl - mediated polymerisation. Further aspects are a process for the preparation of smooth surface coatings and the use of said polymer or copolymer as levelling agent in coating compositions. Yet another aspect are specific ethylenically unsaturated monomer compositions from which copolymers can be obtained by atom transfer radical polymerisation or nitroxyl mediated polymerisation, which copolymers are useful as levelling agents in coating compositions. Still another aspect is the use of poly-tert.-butyl acrylate or poly-tert.butylmethacrylate as a levelling agent in powder coating compositions.

A. CLASSIFICATION OF SUBJECT MATTER  
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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C09D C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 632 (C-1280), 2 December 1994 (1994-12-02) & JP 06 240201 A (DAINIPPON INK & CHEM INC), 30 August 1994 (1994-08-30) abstract ----- US 6 197 883 B1 (BARKAC KAREN A ET AL) 6 March 2001 (2001-03-06) cited in the application claim 1 -----	1-20
A		1-20

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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